NOAA Research in Ohio

OH-1 through 19 (Based in Put-in-Bay and Columbus - serves entire state)

National Sea Grant College Program
Ohio Sea Grant College Program

The Ohio Sea Grant College Program, is part of NOAA's National Sea Grant College Program. Ohio Sea Grant is based out of Ohio State University with participation by colleges, universities, and secondary schools from all over Ohio. Ohio Sea Grant's mission is to: 1) utilize and engage the capabilities of Ohio's academic scientists and universities to address Lake Erie, Great Lakes, ocean and coastal issues; and, 2) be proactive and invest in research, education and outreach projects that improve the environment, public policy, education, and economic competitiveness in Ohio. Ohio Sea Grant has proven that it is possible to have both environmental improvement and economic development. Sea Grant conducts problem-solving research on critical, real-world issues affecting Lake Erie and Ohio including: fishery and ecosystem management, artificial reefs, aquaculture, harmful algal blooms, aquatic nuisance species, coastal development, contaminant clean-up, contaminant transfer and human health, land-use/watershed management, brownfield redevelopment, coastal economic impact, underwater welding, etc. This research supports Ohio Sea Grant's 2000-2005 strategic plan and the "Lake Erie Protection and Restoration Plan" produced by the Lake Erie Commission. Sea Grant has supported research projects at 12 different colleges and universities in Ohio and several out-of-state schools. Stone Laboratory, part of Ohio Sea Grant and located on the 6.5-acre Gibraltar Island at Put-in-Bay, was founded in 1895 and is Ohio's Lake Erie Laboratory and the oldest freshwater biological field station in the country. Stone Laboratory offers regular college courses during the summer, a workshop/field trip program for grades 4-12 during the spring and fall, and research goes on year round. Since 1990, students from 71 different colleges and universities and 292 high schools have taken courses at Stone Laboratory. Currently over 5,000 students and adults participate in Sea Grant's spring and fall field trip/workshop program at Stone Laboratory. In FY 2001, Ohio Sea Grant projects received funding of approximately $1.2 million from the National Sea Grant College Program and were able to generate about $20 of economic benefit per federal dollar received. For more information please visit http://www.sg.ohio-state.edu

OH-5, 9, 10, 11, 13, 19 (coast)

Great Lakes Environmental Research Laboratory
Great Lakes Research

The Great Lakes Environmental Research Laboratory (GLERL) carries out research and provides scientific products, expertise, and services required for effective management and protection of Great Lakes and coastal ecosystems. As part of the mission of NOAA and the U.S. Department of Commerce, GLERL science provides for protection of life and property, economic well-being, and sustained ecosystem health. With a wide array of scientific disciplines on staff, and an ecosystem-level focus, GLERL contributes unique capabilities in support of intelligent and cost-effective Great

Lakes and coastal resource management. GLERL is pursuing focused research in areas including aquatic contaminants and biogeochemistry; invasive species, ecosystem dynamics and long-term monitoring. A number of GLERL projects have a basin-wide scope. These include: CoastWatch, Impacts of Climate Change, Water Resources Research, and Physical Processes including wind-driven waves, currents, seiches, storm surges, sediment transport and deposition, and lake bathymetry. In a new and unique effort started in February 2001, GLERL now has a Great Lakes Sea Grant Extension Agent onsite to support and promote increased communication and cooperation among GLERL and the seven Great Lakes Sea Grant Programs in the region, including the Ohio Sea Grant program. By making GLERL scientific products, services, and expertise more widely available to the extensive Great Lakes Sea Grant Network, the agent can rely on the Network's vast outreach, communications, and education infrastructure to furnish constituents with a wider information base. For more information please visit http://www.glerl.noaa.gov

OH-5, 9, 10, 11, 13, 19 (coastal waters)

National Undersea Research Program
National Undersea Research Center for the Northeastern United States and Great Lakes

The National Undersea Research Center for the Northeastern United States and Great Lakes is located at the University of Connecticut, Avery Point in Groton, Connecticut. It is one of six regional centers supported by the National Undersea Research Program (NURP). The Center supports and conducts undersea research in the waters off the northeast coast of the United States and in the Great Lakes. The center provides science and operational support (occupied submersibles, remotely operated vehicles and mixed gas diving technologies) and funding for reviewed projects within this region. The Center supports research on the physical, chemical, and biological factors controlling the cycling and fates of organic contaminants and heavy metals (trace metals) at the sediment/water interface and their ultimate impacts on biological productivity. Also receiving special attention are the habitat characteristics controlling the recruitment and population dynamics of recreational and commercial species of fish, including "pest" species. The FY 2001 funding for the Center totaled $1.36 million. For more information please visit http://www.nurc.uconn.edu

For further information about these and other NOAA programs, please contact NOAA's Office of Legislative Affairs at (202) 482-4981.

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